

TSEFT, A.L.; DADABAYEV, A.Yu.; NAYMANOV, S.

Processing Balkhash copper concentrates. Trudy Inst. met. i
obog. AN Kazakh. SSR 6:55-63 '63. (MIRA 16:10)

NESTEROV, V.N.; TSEFT, A.L.; ISAKOVA, R.A.; NAYMANOV, S.

Recovery of bismuth from concentrates by sublimation in
vacuum. Trudy Inst. met. i obog. AN Kazakh. SSR 5:77-81
'62. (MIRA 15:11)
(Bismuth--Metallurgy) (Vacuum metallurgy)

DUKHANKINA, L.S.; TSEFT, A.L.

Cementation of copper and lead from calcium chloride
solutions. Trudy Inst. met. i obog. AN Kazakh. SSR
5:52-56 '62. (MIRA 15:11)
(Cementation (Metallurgy)) (Copper--Metallurgy)
(Lead--Metallurgy)

TSEFT, A.L.; ABLANOV, A.D.; SUSHCHENKO, S.N.

Deposition of lead and zinc in the form of sulfides from
high iron solutions. Trudy Inst. met. i obog. AN Kazakh.
SSR 5:49-52 '62. (MIRA 15:11)
(Lead--Metallurgy) (Zinc--Metallurgy)

TSEFT, A.L.; TARASKIN, D.A.; YERMILOV, V.V.; TKACHENKO, O.B.;
VASIL'YEVA, V.A.; SUSHCHENKO, S.N.; DUKHANKINA, L.S.

Hydrometallurgical treatment of copper matte. Trudy Inst.
met. i obog. AN Kazakh. SSR 5:72-76 '62. (MIRA 15:11)
(Copper--Metallurgy) (Hydrometallurgy)

ISAKOVA, R.A.; NESTEROV, V.N.; TSEFT, A.L.

Separation of selenium and mercury by volatilization in vacuum
during the treatment of sludges from sulfuric acid plants.

Trudy Inst. met. i obogashch. AN Kazakh. SSR 4:8-13 '62.
(MIRA 15:8)

(Sulfuric acid industry—By products) (Selenium)

TSEFT, A.L.; DUKHANKINA, L.S.

Cementation of copper and lead from highly ferrous chloride
solutions. Trudy Inst. met. i obogashch. AN Kazakh. SSR
4:14-18 '62. (MIRA 15:8)
(Cementation (Metallurgy)) (Copper--Metallurgy)

TSEFT, A.L.; LAPAN, A.A.

Formation of heavy metal ammoniates during the decomposition of
ammonia salts by precipitates. Trudy Inst. met. i obogashch.
AN Kazakh. SSR 4:38-42 '62. (MIRA 15:8)
(Copper compounds) (Chemistry, Metallurgic)

TSEFT, A.L.; VASIL¹⁴YEV¹⁴, V.A.; MILYUTINA, N.A.

Leaching of mixed Dzhezkazgan ores by solutions of sulfuric acid
containing salts of trivalent iron. Report no.2. Izv.AN Kazakh.
SSR.Ser.met., obog.i ogneup. no.2:73-84 '64. (MIRA 14:8)
(Dzhezkazgan—Copper ores) (Leaching)

TSEFT, A.L.; SHALAVINA, Ye.L.; ZHAKIPOVA, Z.D.

Dissolution and precipitation of rare metal sulfides in salt and
acid chloride solutions. Izv.AN Kazakh.SSR.Ser.met., obog.i ogneup.
no.2:91-96 '61. (MIRA 14:8)
(Metals, Rare and minor) (Hydrometallurgy)

TSEFT, M. L.

137-1957-12-24140

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 12, p 179 (USSR)

AUTHOR: Tseft, M. L.

TITLE: The Welding of the G-13 High-Manganese Steel (Zavarka vysokomangantsovoy stali G-13)

PERIODICAL: Kolyma, 1954, Nr 7, pp 27-38

ABSTRACT: The correction of defects in castings made of G-13 steel is accomplished by welding, using electrode rods having the following chemical composition (in percent): C 0.9, Mn 12.3, Ni 2.23, and a coating which contains (in percent by weight): Fe-Si 1, Al 0.25, Fe-Mn 4, graphite 1, chalk 1. Another variety of coating contains Fe-Mn 75, graphite 15, chalk 10. The hardness of the welded metal is 285-300 HB. The microstructure of the seam in the transition zone is austenitic. With a coating of the second type it is possible to perform welding with electrodes of carbon steel with 0.4 percent of C. After the key parts have been welded tempering at 1150° is required. The weight of two layers of coating comprises 25-30 percent of the weight of the bare steel electrode.

Card 1/1

S. F.

1. Arc welding-Applications
2. Welding rods-Materials
3. Manganese steel castings-Arc welding

~~TSKOL~~ A.S.;DMITRIYEV, D.A.;LIKHACHEV, V.F.

Method of determining the thickness of an anode film. Prom. energ.
12 no.4:19-20 Ap '57. (MIRA 10:5)
(Electroplating)

ROSHCHIN, K.S.; TSVETKOV, A.I.; SIDNEV, N.F.; TSEGE, A.S.; LIKHACHEV, V.F.;
SHIBANOV, K.I.; LEVITINA, Kh.K.; OSTROVKINA, M.Ya.; BAYBAKOV, P.M.;
KROL', A.I.

Improvement in the operation of the rectifying devices of electro-
plating tanks. Prom. energ. 15 no.11:19-20 N '60. (MIRA 14:9)
(Electroplating) (Electric current rectifiers)

~~APPROVED FOR RELEASE: 03/14/2001~~ ^{13501111K / G. 1. BORODICH, M.K., inch} CIA-RDP86-00513R001756920018-2"

Using prestressed reinforced concrete construction elements in
constructing industrial plants in Krasnodar Economic Region.
Bet.1 zhel.-bet. no.12:568-569 D '60. (MIRA 13:11)
(Krasnodar Territory--Girders)

TSEGEL'NIK, B., kinomekhanik.

More narrow color films. Kinomekhanik no.8:27 ~~ag~~ '53. (MLA 6:8)

1. Peredvizhka No.90. (Color moving pictures)

TSegel'nik, L.N., aspirant

Eosinophilic granuloma of the maxillary bones and similar diseases. Stomatologiya 42 no.2:54-59 Mr-Apr'63 (MIRA 17:3)

1. Iz kafedry khirurgicheskoy stomatologii (zaveduyushchiy - prof. A.I.Yevdokimov) Moskovskogo meditsinskogo stomatologicheskogo instituta.

YERMOLAYEV, I.I., kand.med.nauk; SESEL'NIK, L.N., aspirant

Papillon-Lefevre syndrome. Stomatologiya 40 no.4:15-17 J1-Ag
'61. (MIRA 14:11)

1. Iz kafedry khirurgicheskoy stomatologii (zav. - prof. A.I.Yevdo-
kimov) Moskovskogo meditsinskogo stomatologicheskogo instituta
(dir. - dotsent G.N.Beletskiy).
(MOUTH--DISEASES) (TEETH--DISEASES)

TSEHEL'NIK, Ya.Kh. [TSehel'nyk, IA.Kh.] (L'vov)

Ardent fighter against the Vatican. Nauka i zhyttia 9
no.10:48-50 0 '59. (MIRA 13:2)
(Halan, IAronlav, 1902-1949)

ANDREYEV, V.S.; BELKIN, M.Ya.; TSEGEL'NITSKAYA, A.Yu.

Exchange of experience. Zav.lab. 27 no.8:1039-1040 '61.
(MIRA 14:7)

1. Kuybyshevskiy industrial'nyy institut imeni V.V.Kuybysheva
(for Andreyev). 2. Staro-Kramatorskiy mashinostroitel'nyy zavod
imeni Ordzhonikidze (for Belkin). 3. Sudoremontnyy zavod No.2
Chernomorskogo parokhodstva (for TSegel'nitskaya).
(Testing machines)

USSR/Human and Animal Physiology. Digestion.

T

Abs Jour: Ref Zhur-Biol., No 8, 1958, 36520.

Author : Tsengelinskaya, E.V.

Inst : Petrozavodsk University.

Title : Observation of the Nervous Regulation of the Motor
Function of the Ciliary Epithelium.

Orig Pub: Nch. zap. Petrozavodskogo un-ta, 1956 (1957), 7, No 3,
220-225.

Abstract: The rate of progression of a piece of cork along the
mucosa of the oesophagus of a frog, prior to and follow-
ing prolonged tetanisation of the proximal end of the
tibial nerve, which had the effect of raising the irri-
tability of the nerve centers (histeriosis of Vvedenski),
was determined. The motor function of the ciliary epi-
thelium under these circumstances, was increased by

Card : 1/2

TSEGEL'NITSKAYA, E.V.

Passive and active hyperpolarization of the salivary gland.
Biul.eksp.biol.i med. 58 no.10:24-26 0 '64.

(MIRA 18:12)

1. Kafedra fiziologii (zav. - prof. G.N.Sorokhtin) Petrozavod-
skogo gosudarstvennogo universiteta. Submitted July 5, 1963.

S/193/62/000/010/005/007
A004/A101

AUTHOR: Tsegel'nik, V.P.

TITLE: Type 7740 vertical broaching machine for external broaching

PERIODICAL: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 10, 1962, 40 - 42

TEXT: The Minskiy stankostroitel'nyy zavod im. Kirova (Minsk Machine Tool Plant im. Kirov) has manufactured a prototype of the 7740 broaching machine of 40-ton tractive force, developed by the Spetsial'noye konstruktorskoye byuro No. 12 (Special Designing Bureau No. 12) and intended for the broaching of external surfaces of components of different geometrical shape and size. A description is given of the operation and main units of the machine, the latter being standardized with those of the internal broaching machine of the same tractive force. The following technical data are presented: rated tractive force - 40,000 kg; length of stroke of the working slide block - 1,600 mm; maximum speed of working stroke - 5 m/min; minimum speed of working stroke - 1 m/min; working stroke speed control - continuous; return motion speed - 10 m/min; dis-

Card 1/2

Type 7740 vertical broaching machine...

S/193/62/000/010/005/007
A004/A101

tance between the base and the upper table surface - 1,770 mm; length of table motion - 160 mm; distance between slide block surface and table face end - 180±27.5 mm; main drive motor power - 40 kw; main drive pump capacity - 400 liter/min; machine overall dimensions - 4,500 x 2,300 x 4,750 mm; machine weight - 17,500 kg. The type 7740 broaching machine has been accepted by the State Commission and recommended for large-scale production. There is 1 figure.

Card 2/2

ANDRIAYNEN, O.A.; PSHEDETSKAYA, A.D.; TSEGEL'NITSKAYA, E.V.

Connection between the cardiovascular system and lactation in cows.
Uch.zap. Kar.ped.inst. 8:49-56 '59. (MIRA 13:11)
(Cows) (Lactation)

1. POPOV, G. V.; TEDEL'NITSKAYA, Ye. S.
2. USSR (600)
4. Muscle
7. Linked changes in muscular contractions in brain polarization. Fiziol. zhur. 39, No. 2, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

TSEGEL'SKA, Anna [Cegielska, A]

~~Warrant~~ Injury of the inferior laryngeal nerves in thyroid surgery.
Chirurgia 34 no.10:55-63 0 '58 (MIRA 11:11)

1. Iz otorinolaringologicheskoy kliniki Meditsinskoy akademii
(dir. - prof. doktor Yan Medon'ski), Krakov.
(THYROID GLAND, surg.
inferior laryngeal nerve inj. (Rus))
(LARYNX, innervation,
inferior laryngeal nerve inj. in thyroid gland, surg.
(Rus))

TSEGEL'SKIY, V. L.

Pamiatka po elektrodugovym svarochnym mashinam. Dlia elektrosvarshchikov i elektro-monterov. Moskva, Mashgiz, 1944. 48 p.

Booklet of electric arc welding machines.

SO: Manufacturing and Mechanical Engineering in the Soviet Union. Library of Congress, 1953.

TSECEL'SKIY, V. L. and V. A. ZHDANOV

Elektrosvarochnoe delo. Izd. 3. Moskva, Mashgiz, 1944. 384 p.

Electric welding.

SO: Manufacturing and Mechanical Engineering in the Soviet Union. Library of Congress, 1953.

14-339. Concerning a Process for Welded Construction of Blast Furnaces. V. L. Tsengel'skii, E. K. Alekseev and V. I. Mel'nik. *Avtoгенное Делo (Welding)*. July 1947, p. 15-18. (In Russian.) Design details and procedures.

TSegal'skii, V. I., jt. au.
ZHIDANOV, Vadim Aleksandrovich.

The technology of electric arc welding. Moskva, Gos. nauch.-tekhn. izd-vo
mashinostroit. lit-ry, 1948. 339 p. (40-26067)

TK4660.247

1. Electric welding. I. TSegal'skii, V. I., jt. au.

TSEGEL'SKIY, V. L.

25599. TSEGEL'SKIY, V. L.

Poperechnaya usadka stykovykh slivov pri elektrosvarke stali bol'shiykh tolshechin. Avtozen. Delo, 1948, No. 6, s. 31-32.

SO: Letopis' Zhurnal Staleni, No. 30, Moscow, 1948

TSEGEL'SKII, V. L.

✓
22B-13. Welded Shells for Blast Furnaces. (In Russian).
B. L. Sheinkin and V. L. Tsegel'skii. Avtogennoe Delo
(Welding), No. 9, Sept. 1948, pp. 1-5.
Structural and Welding Details.

Immediate source clipping

B

Transverse Shrinkage of Butt Welds During Arc Welding of Thick Steel Plates. (In Russian.) V. L. Tsengel'ski and V. I. Mel'nik. *Avtogennoe Delo* (Welding), June 1948, p. 81-82. Diagrams show recommended cross sections and sequences for deposition of weld metal for the above. An empirical formula is presented for calculation of the expected shrinkage.

20

TSECEL'SKIY, V. L.

Mashiny i apparaty dlia dugovoi svarki na stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitektu-y, 1951. 77 (3) p. illus.

Bibliography: p. (79)

Machinery and apparatus for arc welding in the construction industry.

DLC: Unclass.

SO: Manufacturing and Mechanical Engineering in the Soviet Union. Libray of Congress, 1953.

ALEKSEYEV, Ye.K.; MEL'NIK, V.I.; TSECEL'SKIY, V.L.

Rapid erection of reservoirs. Bim.stroi.tekh. 10 no.12:1-2 81 '88.

(MIRA 8:8)

(Reservoirs)

ТЭСОЛ'СКИ, В. Л.

Electric welding textbook for factory (mill) training.

TK4660.T67 1954

1. Electric welding.

PIOLUNKOVSKIY, G.M.; TSEGEL'SKIY, V.L., redaktor; KRASIL'SHCHIK, S.I.,
redaktor; TOKER, A.M., tekhnicheskiiy redaktor.

[Safety manual for workers engaged in metal electrode production]
Pamiatka po tekhnike bezopasnosti dlia rabochikh, saniatykh
proizvodstvom metallicheskikh elektrodov. Moskva, Gos. izd-vo
lit-ry po stroit. i arkhitekture, 1954. 23 p. (MIRA 8:1)

1. Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva SSSR.
Otdel tekhniki bezopasnosti i promyshlennoy sanitarii.
(Metal industries--Safety measures) (Electrodes)

RABINOVICH, Isaak Yakovlevich, kandidat tekhnicheskikh nauk; TSEGEL'SKIY
V.L., izshener, redaktor; BEGAK, B.A., redaktor; MEDVEDEV, L.Ya.,
tekhnicheskiy redaktor.

[Use of welding transformers in construction work] Primeneniye svar-
chnykh transformatorov v stroitel'stve. Moskva, Gos.izd-vo lit-ry
po stroitel'stvu i arkhitekture, 1954. 48 p. (MLRA 8:5)
(Electric transformers) (Electric welding)

TSEGNL'SKIY, Vladimir Leopoldovich; SHUR, D.S., redaktor; KRYNOCHKINA, K.V.,
tekhnicheskiiy redaktor

[Elektrodugovaia svarka. Izd. 2-e, ispr. 1 dop. Moskva, Vsesoiuznoe
uchebno-pedagog. izd-vo, Trudrezervizdat, 1954. 174 p. (MLRA 8:4)
(Electric welding)

Call Nr: TK4660.T67

Electric Arc Welding (cont)

The modern technology of arc welding and metal cutting is also discussed. The procedure of welding and the welder's working place organization are also discussed. Mention is made of the following organizations engaged in electric arc welding research: Electric Welding Laboratory of the Metallurgical Institute, Academy of Sciences, USSR; Electric Welding Institute im. Academician Ye. O. Paton at the Academy of Sciences, Ukrainian SSR; Central Scientific Research Institute for Machine-Building Technology (TsNIITMASH); Moscow Higher Technical School im. Bauman; Leningrad Polytechnic Institute, and Kiev Polytechnic Institute.

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Call Nr: TK4660.T67

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AVAILABLE: Library of Congress

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TSEGAL'SKIY, V. L.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 518 - I

Call No.: AF645849

BOOK

Authors: TSEGAL'SKIY, V. L. and ZHDANOV, V. A.

Full Title: ELECTRIC WELDING, 4th ed.

Transliterated Title: Elektrosvarochnoye delo, 1zd. chet.

PUBLISHING DATA

Originating Agency: None

Publishing House: State Scientific and Technical Publishing House of
Machine-Building and Shipbuilding Literature (Mashgiz)

Date: 1954 No. pp.: 375 No. of copies: 25,000

Editorial Staff

Editor: Shafit, Yu. Ya., Eng.

Appraiser: Rybalka, P. G., Eng.

Prof. G. F. Skakun, Kand. of Tech. Sci. is the author of
Chapter XVIII (Resistance Welding)

PURPOSE: To help foremen and welders to acquire basic theoretical
knowledge, to acquaint them with modern machinery and technique.

TEXT DATA

Coverage: This edition differs from the original 1944 text in that the
chapter on oxy-acetylene welding was omitted, and new chapters on
carbon arc and resistance welding were added. The present edition
comprehensively describes the machinery and tools, electrodes and
other accessories used in electric welding and cutting of alloyed

1/2

: Elektrosvarochnoye delo, izd. chet.

AID 518 - I

steels and nonferrous metals. Submerged electric arc welding and cutting, carbon arc welding, atomic hydrogen and argon arc weldings are briefly discussed. The chapter on resistance welding covers the equipment used and the technology of spot welding, seam welding, butt welding and projection welding. Welding by automatic and semi-automatic machines is given much attention. Welding shops, quality control and safety measures, handling of tools and materials are also described. The book is profusely illustrated with diagrams, drawings, charts, etc.

No. of References: 30, all Russian or Ukrainian

Facilities: The Central Scientific Research Institute of Technology and Machine-Building (TsNIITMASH); the Electrical Welding Institute im. Academician E. O. Paton. A few scientists are mentioned.

2/2

TSEGEL'SKIY, V. I.

Elektrosvarochnoe delo (Electric welding) Izd. 4-e. Moskva, Mashgiz, 1954. 376 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 6, Sep. 1954

TSNGBL'SKIY, V.L., inzhener, nauchnyy redaktor; STARICHKOV, V.P., inzhener,
nauchnyy redaktor; TOKER, A.M., tekhnicheskii redaktor

[Mechanization of reinforced concrete construction work and the
production of precast reinforced concrete; collection of articles]
Mekhanizatsiia zhelezobetonnykh rabot i izgotovleniia sbornogo
zhelezobetona; sbornik statei. Moskva, Gos. izd-vo lit-ry po stroit.
i arkh., 1955. 148 p. (MIRA 8:3)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut organiza-
tsii stroitel'stva.

(Reinforced concrete construction) (Precast concrete)

PHASE I BOOK EXPLOITATION

419

Tsegel'skiy, Vladimir
Tsegel'skiy, Vladimir Leopoldovich

Elektrodugovaya svarka (Electric Arc Welding) Moscow, Trudrezervizdat, 1957.
226 p. 40,000 copies printed.

Scientific Ed.: Letnev, B. Ya.; Ed.: Shur, D. S.; Tech. Ed.: Rakov, S. I.

PURPOSE: This book is a third, revised and enlarged edition of a textbook intended for electric welders attending industrial training schools (FZO -- fabrichnozavodskoye obucheniye). It can also be used as a manual for electric welders in qualifying for a higher license. The book is approved as a textbook by the Scientific Council on Professional and Technical Education of the Main Administration of Labor Reserves under the Council of Ministers of the USSR.

COVERAGE: The 2nd edition was published in 1954. The 3rd edition presents elementary information on metallography, principles of electricity, d.c. and a.c. electric welding machines, and on modern technology of arc welding. It contains a more thorough examination of automatic and semiautomatic

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welding methods, and expands data on electrodes. This enlarged edition is supplemented with chapters on welding of steel structures and flame cutting. There are 16 Soviet references.

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AVAILABLE: Library of Congress (TK 4660 .T 67 1957)

VK/mal
July 2, 1958

Card 9/9

ALEKSEYEV, Yevgeniy Konstantinovich, inzh., laureat Leninskoy premii;
MKL'NIK, Vladimir Iosifovich, inzh., laureat Stalinskoy premii;
TSEGBL'SKIY, V.L., inzh., nauchnyy red.; ULGO, V.Ya., red.izd-va;
~~ZAKHAROV, V.I., red.izd-va; MEDVEDEV, L.Ya., tekhn.red.~~

[Welding] Svarochnoe delo. Moskva, Gos.izd-vo lit-ry po stroit.,
arkhit. i stroit.materialam, 1959. 323 p. (MIRA 12:9)
(Welding)

TSEGEL'SKIY, V., inzh.

Oxyacetylene arc welding. Stroitel' no.10:22 0 '59.
(MIRA 13:2)
(Gas welding and cutting)

PHASE I BOOK EXPLOITATION

SOV/4528

Tsegel'skiy, Vladimir Leopol'dovich

Elektrosvarshchik (The Electric Welding Operator) Moscow, Proftekhizdat, 1960.
243 p. 85,000 copies printed.

Scientific Ed.: Ye. K. Alekseyev, Lenin Prize Winner; Ed.: D.S. Litvak; Tech.
Ed.: A.M. Toker.

PURPOSE: This book is intended to serve as a training aid for workers in welding shops.

COVERAGE: The book contains basic information on physical metallurgy, electro-technics, and the arrangement and servicing of electric arc power supply sources. The book discusses the metallurgical fundamentals of electric arc welding, electrodes, modern arc-welding techniques, welding (automatic, semiautomatic, and resistance), and arc welding of special steels, cast iron, nonferrous metals, and lightweight alloys. Hard surfacing is also treated. Individual chapters deal with the purpose and content of the welding process, work organization, standardization of welding operations, production costs and the planning of production,

Card 1/10

The Electric Welding Operator

SOV/4528

inspection and acceptance procedures of welds, and safety techniques. The Institut elektrosvarki imeni Patona AN UkrSSR (Electric Welding Institute imeni Paton of the AS UkrSSR), TsNIITMASH, MVTU imeni Bauman, Leningradskiy politekhnicheskii institut imeni Kalinina (Leningrad Polytechnic Institute imeni Kalinin), "Elektrik" plant, Uralmashzavod Plant, and other establishments have contributed to the development of welding theory. There are 32 references, all Soviet.

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Card 2/10

MEYFEL'D, I.Ye., inzh.; FAL'KEVICH, A.S., kand.tekhn.nauk; LIVSHITS, L.S.,
kand.tekhn.nauk; TSEGEL'SKIY, V.L., inzh., nauchnyy red.;
LYPKINA, L.S., red.izd-va; GOL'BERG, T.M., tekhn.red.

[Quality control of welding in the construction industry] Kontrol'
kachestva svarki na stroitel'stve. Moskva, Gos.izd-vo lit-ry po
stroit., arkhitekt. i stroit.materialam, 1960. 163 p.

(MIRA 14:4)

(Welding--Quality control)
(Construction industry)

TSECEL'SKIY, Vladimir Leopoldovich; MEL'BARD, S.N., nauchnyy red.;
GORYUNOVA, L.K., red.; TOKER, A.M., tekhn.red.; BARANOVA, N.N.,
tekhn.red.

[Mechanization of arc welding] Mekhanizatsia dugovoi svarki.
Moskva, Vses.uchebno-pedagog.izd-vo Proftekhizdat, 1961.
142 p. (MIRA 15:2)
(Electric welding--Equipment and supplies)

ALEKSEYEV, Yevgeniy Konstantinovich, inzh.; MEL'NIK, Vladimir Iosifovich,
inzh.; TSEGEL'SKIY, V.L., inzh., nauchnyy red.; YUDINA, L.A.,
red. izd-va; MOCHALINA, Z.S., tekhn. red.

[Welding in the construction industry] Svarochnoe delo v
stroitel'stve. Izd. 2., ispr. i dop. Moskva, Gosstroizdat,
1962. 350 p. (MIRA 15:11)
(Welding) (Building)

AKULOV, I.A., kand. tekhn.nauk,dots.; ALEKSEYEV, Ye.K., inzh.; GURARI, M.D., inzh.[deceased]; DMITRIYEV, I.S., kand.tekhn.nauk,dots.; YEVSEYEV, R.Ye., inzh.; ZIL'BERBERG, A.L., inzh.; LIVSHITS, L.S., kand.tekhn.nauk; MEL'NIK, V.I., inzh.; RAZUMOVA, E.D., inzh.; TARAN, V.D., prof., doktor tekhn.nauk; FAL'KEVICH, A.S., kand.tekhn.nauk; TSEGEL'SKIY, V.L., inzh.; CHERNYAK, V.S., inzh.; SHILOVTSEV, D.P., inzh.; ZVEGHITSEVA, K.V., inzh., nauchnyy red.; TYURIN, V.F., inzh.,nauchnyy red.; VOLNYANSKIY,A.K.,glav.red.; SOKOLOV,D.V.,zam.glav.red.; SEREBRENNIKOV,S.S., red.; MIKHAYLOV,K.A.,red.; STAROVEROV, I.G., red.; VOLODIN, V.Ye., red.; NIKOLAYEVSKIY, Ye.Ya.,red.; LYTKINA,L.S.,red.izd-va; PEREVALYUK,M.V.,red. izd-va; RUDAKOVA, N.I., tekhn. red.

[Welding operations in building]Svarochmye raboty v stroitel'stve. Moskva,Gosstroizdat,1962. 783 p.
(Welding---Handbooks, manuals. etc.) (Building)
(MIRA 15:6)

KAGAN, V.N.; SHCHUKIN, V.I.; TSEGEL'SKIY, V.L., inzh., nauchn.
red.; PATENOVSKAYA, M.I., red. izd-va; MOCHALINA, Z.S.,
tekh. red.

[Gas welding and cutting in construction] Gazovaya svarka
i rezka v stroitel'stve. Moskva, Gosstroizdat, 1963. 113 p.
(MIRA 16:11)

(Gas welding and cutting)

RYBAKOV, Vasily Mikhaylovich, kand. tekh. nauk; H. S. V.
Nikolay Ietrovich, inzh.; TEDELMICHY, V. A., kand. t.
red.

[Welding of steel structures] svarka stalnykh kon-
struktsii. Moskva, Stroiizdat, 1966. 153 p.
(RILA 1879)

DUMOV, S.I.; USEGEL'SKIY, V.L., Ing., retsensent; AMIGUD, D.Z.,
Ing., retsensent; PEVZNER, S.M., Ing., red.

[Manual for a course project on the subject "Equipment
and technology of arc welding"] Rukovodstvo dlia kurso-
vogo proektirovaniia po predmetu "Oborudovanie i tekhn-
nologiiia dugovoi svarki." Moskva, Mashinostroenie, 1965.
137 p. (MIRA 18:8)

TSEGEL'SKIY, Vladimir Leopoldovich KONCHA, F.F., red.

[Electric welder] Elektrosvarshchik. Moskva, Vysshaya
shkola, 1965. 255 p. (MIRA 18:11)

TSEGMID, Sh.

Outlook for the work of the Institute of Geography and Permafrost
Study of the Academy of Sciences of the Mongolian People's Republic.
Dokl. Inst. geog. Sib. i Dal'. Vest. no. 6:15-18 '64.

(MIRA 18:10)

ANDREYEV, V.P., polkovnik,; BORISOV, D.S., polkovnik,; YEVTUSHENKO, A.F., polkovnik,; ZHELEZNYKH, V.I., dots., kand. tekhn. nauk, general-leytenant inzhenernykh voysk, otv. red.; TSIRLIN, A.D., doktor voyennikh nauk, general-polkovnik inzhenernykh voysk, red.; NAZAROV, K.S., dots., general-polkovnik inzhenernykh voysk v ostavke, red.; BADANIN, B.V., polkovnik v zapase, red.; BABUSHKIN, K.N., polkovnik, red.; TSEGNIKO, P.G., polkovnik, red.; YEMEL'YANOV, P.A., polkovnik, red.; DROZHZHINOV, Ye.G., polkovnik, red.; PAKHOMOV, V.Ya., polkovnik, red.; SMIRNOV, V.V., polkovnik, red.; GORCHAKOV, A.D., podpolkovnik, red.; MEDNIKOVA, A.N., tekhn. red.

[Engineers of the Soviet Army in important operations of the Great Patriotic War; a collection of articles] Inzhenernye voiska Sovetskoi armii v vazhneishikh operatsiyakh Velikoi Otechestvennoi voiny; sbornik statei. Moskva, Voen. izd-vo M-va obor. SSSR, 1958. 309 p. (MIRA 11:12)

(World War, 1939-1945--Engineering and construction)

TSEGENKO, P., polkovnik

Engineer support of an attack from the march. Voen.vest. 42
no.5:31-34 My '62. (MIRA 15:11)
(Military engineering) (Attack and defense (Military science))

CEKANAUSKAITE, L., med. sesuo

Cultural aspects of our work. Sveik. apsaug. no.12:44-45 '62.

1. Kauno Odos-veneros ligu dispanseris. Vyr. gyd. -- V. Martuseviciene.
(HEALTH PROFESSIONS)

BAULIN, V.; TROSHCHIN, A.

Using mathematical methods and electronic computers in planning
oxygen transportation. Av. tekhn. (P no.6:39-40) Je'64.
(MIRA 12:1)

1. Moskovskiy avtomobil'noe-dorozhnyy inst-bat (for Baulin).
2. laboratoriya programirovaniya Glavnogo upravleniya avto-
mobil'nogo transporta Moskovskiy gosudarstvennyy Sovetskii deputatskiy
trudnyashchikaya (for Troshchin).

TSEKANOVSKIY, E.R.

Model elements of non-self-conjugate operators. Dokl. AN SSSR
142 no.5:1043-1046 F '62. (MIRA 15:2)

1. Khar'kovskiy gornyy institut. Predstavleno akademikom S.L.
Sobolevym.

(Operators(Mathematics))

TSEKHANSKAYA, Yu.V.; IOMTEV, M.B.

Method for measuring the diffusion coefficients of solids in compressed gases. Inzh.-fiz. zhur. 5 no.2:24-29 F '62.

(MIRA 15:1)

1. Gosudarstvennyy institut azotnoy promyshlennosti i produktov organicheskogo sihteza, Moskva.

(Diffusion) (Carbon dioxide)

TSEKHANSKIY, R.S.

Preparation of 4-amino-4'-nitrodiphenylmethane. Izv.vys.ucheb.zav.:-
khim.i khim.tekh. 4 no.4:691-693 '61. (MIRA 15:1)

1. Chuvashskiy pedagogicheskiy institut imeni I.Ya. Yakovleva,
kafedra khimii.

(Methane)

IORISH, Yu.I.; TSEKHANSKIY, K.R.

Lateral sensitivity of noncentered vibration pickups made of
piezoceramics. Izv.tekh. no.11:26-27 N '62. (MIRA 15:11)
(Frequency measurement) (Oscillators, Crystal)

TSEKHANSKIY, M.I., kand.tekhn.nauk

Effect of complex deoxidation on nonmetallic inclusions in
low-carbon steel. Stal' 22 no.9:798-799 S '62. (MIRA 15:11)

1. Ural'skiy institut chernykh metallov.
(Steel--Electrometallurgy)

STEL'MAKH, S.S.; TSEKHMISTRENKO, Yu.V.

Obtaining an effective Hamiltonian of direct electron-electron interaction in adiabatic approximation. Ukr.fiz.zhur. 4 no.6: 806-808 N-D '59. (MIRA 14:10)

1. Kiyevskiy gosudarstvennyy universitet im. T.G.Shevchenko i Institut fiziki AN USSR.
(Electrons--Scattering)

CHUKMASOV, S.F.; TSEKHNEVICH, L.I.

Scientific technical conference on wire cables. *Prykl.mek.*
7 no.4:457-459 '61. (MIRA 14:9)

(Cables)

BULGARIA

V. DORNOV and H. TSEKOV, Institute for Emergency Medical Aid
(Laboratory on Burns and Trauma) "P. P. Pirogov", Chief
Physician (glavni lekar) Khr. OBRAZOV [Sofia.]

"Hepatic Syndrome Due to an Acute Allergic Process."

Sofia, Sovremenna Medicina, Vol 12, No 12, 1962; pp 43-44.

Abstract (English summary modified): Description of syndrome of
hepatitis with full-blown jaundice in man or 27 following allergic
rash and fever attributed to ingestion of fried fish. Clinical
details of the rapid course of multisymptomatic condition ending
in uneventful recovery. Three Bulgarian and 1 Western reference.

1/1

S/078/61/006/012/008/011
B124/B110

AUTHORS: Morozov, I. S., Tsagledi, L.

TITLE: Thermal and tensimetric studies of the systems $ZrCl_4$ - $AlCl_3$ - KCl and $ZrCl_4$ - $FeCl_3$ - KCl

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 6, no. 12, 1961, 2766-2775

TEXT: This paper deals with the chemical interaction of Zr, Al, Fe, and K chlorides on co-crystallization from the melt, which is important to the interpretation of physico-chemical processes which take place during the condensation, separation, and purification of $ZrCl_4$ from other chlorides. In the course of the study of ternary systems, the binary system $FeCl_3$ - KCl , three internal cuts of each ternary system, and a number of additional alloys were investigated; experimental results are given in Tables 1 to 3. From the phase diagrams of the two above-mentioned ternary systems, the solidification curves and the boundary lines of the primary crystallization fields for KCl , K_2ZrCl_6 , $ZrCl_4$, $KAlCl_4$, $AlCl_3$,

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S/078/61/006/012/004/011
B124/B110

Thermal and tensimetric...

KFeCl₄ and FeCl₃ can be established. The vapor pressures of the two ternary systems were measured; the temperature dependence of the vapor pressure of KFeCl₄ is given in Table 4, the vapor pressure of ZrCl₄ above alloys 1 and 2 in the system ZrCl₄-AlCl₃-KCl in Table 5, and the vapor pressure of ZrCl₄ and FeCl₃ above alloys 3 and 4 in the system ZrCl₄-FeCl₃-KCl in Table 6. The diagrams and data presented here show that ZrCl₄ can be purified from the bulk of FeCl₃ and from AlCl₃ with the aid of KCl and NaCl, respectively. The vapor pressure of Fe₂Cl₆ is almost independent of temperature and amounts to 1.8 to 3.3 mm. Hg. There are 6 figures, 6 tables, and 8 references: 5 Soviet and 3 non-Soviet. The reference to the English-language publication reads as follows: L. J. Howell, R. C. Sommer, H. H. Kellogg, J. Metals, 2 (1), 193 (1957).

Card 2/2

Thermal and tensimetric...

3/078/61/006/012/008/001
B124/B110

ASSOCIATION: Institut obshchey i neorganicheskoy khimii im. N. S. Kurnakova Akademii nauk SSSR (Institute of General and Inorganic Chemistry imeni N. S. Kurnakov of the Academy of Sciences USSR). Institut khimii Akademii nauk Rumynskoy Narodnoy Respubliki, Kluzhskiy filial (Institute of Chemistry of the Academy of Sciences of the Rumanian People's Republic, Cluj Branch)

SUBMITTED: May 16, 1961

Table 1. Results of thermal analysis of the system $\text{FeCl}_3\text{-KCl}$.

Legend: (A) % by weight; (B) mole%; (C) critical thermal point, °C.

Table 2. Results of thermal analysis of the system $\text{ZrCl}_4\text{-AlCl}_3\text{-KCl}$.

Legend: (A) internal cut $\text{KAlCl}_4\text{-K}_2\text{ZrCl}_6$; (B) % by weight; (C) mole%; (D) critical thermal point, °C; (E) internal cut $\text{KAlCl}_4\text{-ZrCl}_4$; (F) internal

Card 3/12

S/078/61/006/012/008/011
B124/B110

Thermal and tensimetric...

cut $K_2ZrCl_6-AlCl_3$; (G) additional points of ternary alloys.

Table 3. Results of thermal analysis of the system $ZrCl_4-FeCl_3-KCl$.

Legend. (A) cut I($K_2ZrCl_6-KFeCl_4$); (B) % by weight; (C) mole%;
(D) critical thermal point, °C; (E) cut II($ZrCl_4-KFeCl_4$); (F) cut III
($K_2ZrCl_6-FeCl_3$); (G) additional points of ternary alloys in the system
 $ZrCl_4-FeCl_3-KCl$.

Table 4. Vapor pressure above the compound $KFeCl_4$.

Legend: (A) not established.

Table 5. Vapor pressure above a chloride mixture of the system $ZrCl_4-AlCl_3-KCl$.

Legend: (A) alloy 1: 22.23 mole% of $ZrCl_4$, 33.34 mole% of $AlCl_3$;

Card 4/42

Thermal and tensimetric...

S/078/61/006/012/008/011
B124/B110

44.43 mole% of KCl; (B) alloy 2: 17.66 mole% of $ZrCl_4$, 35.30 mole% of $AlCl_3$, 47.0 mole% of KCl.

Table 6. Vapor pressure above a chloride mixture of the system $ZrCl_4$ - $FeCl_3$ -KCl.

Legend: (A) alloy 3: 22.22 mole% of $ZrCl_4$, 33.34 mole% of $FeCl_3$, 44.44 mole% of KCl; (B) alloy 4: 18.04 mole% of $ZrCl_4$, 34.95 mole% of $FeCl_3$, 47.01 mole% of KCl.

Table 4

t, °C	300	310	465	566	555	600	650	700	750	770	800	820	840	850	930
P_{KFeCl_4}	не обнаруж.	0,9	2,1	6,5	10,7	17,3	34,5	44,4	68,2	88,8	110,7	118	210,5		
$lg P_{KFeCl_4}$		1,95	0,32	0,81	1,03	1,24	1,54	1,65	1,83	1,95	2,04	2,07	2,3		
$\frac{1}{T} \cdot 10^3$		1,3	1,21	1,14	1,08	1,03	0,98	0,96	0,93	0,91	0,90	0,89	0,8		

Card 5/

MOROZOV, I.S.; TSEGLEDI, L.

Thermal and tensimetric study of the systems $ZrCl_4$ - $AlCl_3$ - KCl
and $ZrCl_4$ - $FeCl_3$ - KCl . Zhur.neorg.khim. 6 no.12:2766-2775 u
'61. (MIRA 14:12)

1. Institut obshchey i neorganicheskoy khimii imeni kurnakova AN
SSSR i Institut khimii AN Rumynskoy Narodnoy Respubliki, Kluzhskiy
filial.

(Systems (Chemistry))

Tseglyarskiy

POLAND / Weeds and Weed Control. Herbicides.

Abs Jour : Ref Zhur - *Biologiya*, No 16, 25 Aug 57, 69511

M

Author : Tseglyarskiy

Title : An experiment of Combatting Weeds on Onion Plantings.

Orig Pub : *Przeł. ogrodn.*, 1955, 32, No 5, 25-32

Abstract : In experiments with onions planted by seedlings, a 0.1% solution of 2,4-D caused complete destruction of weeds, while at the same time onions were unharmed. In a weaker concentration of 2,4-D, a part of the weeds remain unharmed. The remark of G. Kazakevich is to be noted; he states that on the basis of experiments conducted in Skernevitsi, the use of 2,4-D in combatting weeds in plantings of onions by seedlings should be regulated carefully, because onions grown by seeding seeds into the soil will be destroyed to the extent of 80% when sprinkled by a 0.1% solution of 2,4-D.

Card 1/1

SUKHORUKOV, P. (Ukhta-Sosnogorsk); TSEGoyEV, S. (Kursk)

Educator and public participation. Sov.profsoiuzy 18 no.14:25-26
Jl '62. (MIRA 15:7)

1. Spetsial'nyy korrespondent zhurnala "Sovetskiye profsoyuzy"
(for TSegoyev). (Trade unions) (Community life)

TSEGOYEV, S. (g.Kuybyshev); OLESOV, N., instruktor; DOLGUSHINA, A.;
KASHMANOV, V.; SEMCHENKO, I.

Inspection of "red corners" is in progress. Sov. profsoiuzy
18 no.17:36-37 S '62. (MIRA 15:8)

1. Spetsial'nyy korrespondent zhurnala "Sovetskiye profsoyuzy",
(for TSegoyev).
2. Sverdlovskiy oblastnoy komitet profsoyuza
rabochikh metallurgicheskoy promyshlennosti (for Olesov).
3. Zavod "Aremkuz", predsedatel' soveta sodeystviya sem'ye i
shkole, g. Moskva (for Kashmanov).
4. Zavod vysokovol'tnoy
apparatury, g. Rovno (for Semchenko).
(Community centers) (Moscow--Community and school)
(Rovno--Technological innovations)

TSEGOYEV, S. (g.Ordzhinikidze)

Remarks concerning applause. Sov. profsoiuz/ 18 no.2:37-38
Ja '62. (MIRA 15:4)
(Athletes)

7

The composition of slag in the Ufalet nickel plant. A
Tiedler. *Tekhnichesk. Metal.* 1936, No. 9, 61-6.
H. M. Leicester

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

Extraction of tin from lead-tin-zinc sulfide ores. A. A. Twidler, C. I. Izamskaya and A. P. Amarian. *Tsvetn. Metall.* 1940, No. 5, 6, 117-21.—Lab. expts. conducted by the authors led to the development of a method of extn. of Sn, Zn and Pb from complex Pb-Sn-Zn ores by means of water-jacket smelting. The ore is first sorted by hand picking; this seps. 35 to 57% of the Sn of the ore, 46 to 63% Pb and 33 to 47% of the Zn. The remainder is sepd. by flotation. The material is then subjected to roasting at 700-750°, then reground and re-roasted at 750° to 800°. By these means the S of the concentrate is reduced to 1.00 to 1.43% with only 3 to 9% loss of Pb and practically no loss of Sn and Zn. The hand-picked ore is then ground and melted in a water jacket with addn. of 9-10% limestone and 8% coke, and the concentrate of 9-10% limestone and 8% coke. In several expts. heats the following extn. of the metals into the raw lead was obtained: Sn 80-89%, Pb (0) 98%, and Ag 18.0 to 100%. The slags contained 0.64 to 1.00% Sn and 1 to 3.6% Pb (percentage of the total content of the metals in the ore). About 98.0% of Zn was volatilized in the smelting of the concentrate and 43 to 68% in the smelting of the picked ore; the rest of the Zn was in cases found in the slag. To ext. the Sn, roast concentrate of the same ore is added to the melt then melt then contains 0.5% Sn, or less, and 9% more. Into the dross was extd. 81 to 93% of the Zn. 13 to 33% of the Pb and 8.0 to 33.9% of the Sn. extn. of the Sn can also be done by the use of

cumulator lead plates. The dross with the latter in thick contained 96.8-97.7% of the Sn, 15 to 20% of the Pb and 9-10% of the Ag. The dross was then subjected to a reducing smelting with coke and soda ash. The Pb remaining after the extn. of Sn contained 95.5-99.8% Pb and 2900 to 3100 gr. Ag per ton, which is recovered by standard methods. 80% of the total Sn content of the ore was extd. by the proposed smelting and refining process; this figure does not include an addnl. recovery of Sn from retreatment of slags and dust.

B. S. D.

H. S. P.

ASM-56 METALLURGICAL LITERATURE CLASSIFICATION

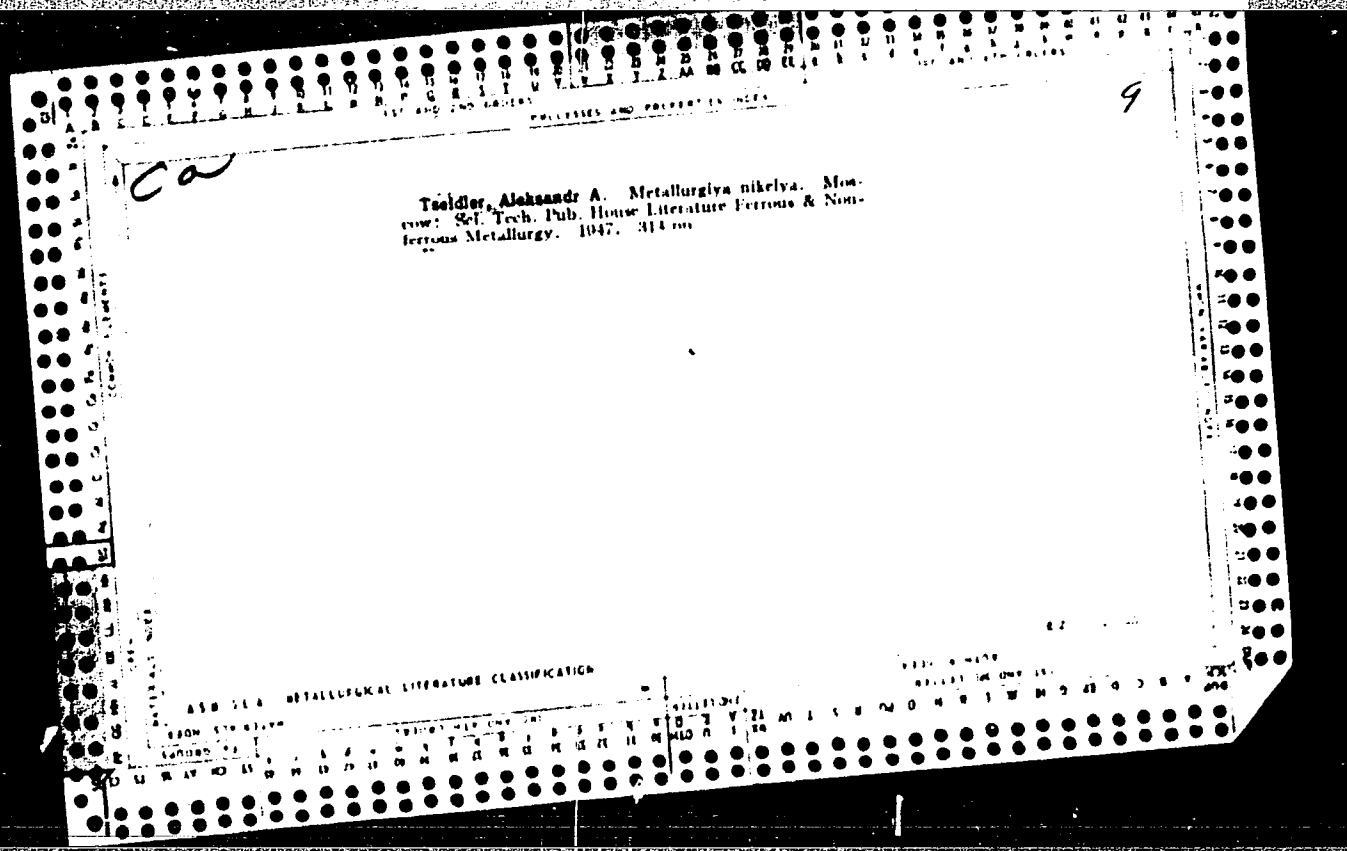
1st AND 2nd ORDERS PROCESSES AND PROPERTIES INDEX

CA

The influence of the reducibility of the iron in the ore on the nickel content of the first matte. A. A. Iskhlov. *Ukrainian Met.* 10, No. 20, 21 (1944), *Chem. Zvest.* 1944, 11, 1111-12. The Ni content of the first matte is influenced not only by the amt. of nonreducible Fe but also by the Ni content of the ore. In order to compensate for the influence of the varying Ni content of the samples a coefficient V is calculated according to the following formula: $V = \frac{100 - \text{Fe in the ore} \times 100}{100 - \text{reducible Fe} \times 100}$. The Ni content of the first matte decreases linearly with increasing value of V . It is most advantageous to fuse ores which contain sufficiently large amounts of Fe in difficultly reducible form. In this way a first matte of acceptable composition is obtained, and the slag contains sufficient Fe to render it readily fusible. M. G. Moser.

ASD-314 METALLURGICAL LITERATURE CLASSIFICATION

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PROCESSING AND PREPARED BY																									
1ST AND 2ND CRIERS													1ST AND 2ND CRIERS												
<p>Ca</p> <p>9</p> <p>Interaction of cupric oxide and nickelous oxide as affected by temperature and duration of roasting. A. A. Tiedler and N. I. Zarembo. <i>Trans. Metall.</i> 20, No. 2, 42-3 (1947).—A 6:1 mixt. of NiO and CuO was roasted at 300-600° for various lengths of time in order to det. the effect of temp. and time on the soly. of Cu in the leaching (10% H₂SO₄) process as practiced in the Hybinette process and to test the contention that in the course of roasting NiO and CuO react to form a compd. insol. in the leaching soln. Roasting at temp. below 600° did not affect the soly. of Cu. Above 600°, the components combined in some form which reduced the soly. of Cu greatly. The compd. formed above 600° is suggested to be 3NiO.CuO. The extent to which the oxides combined to form the insol. product increased with the duration of roasting.</p> <p>M. Hosen</p> <p>ASS. S. L. A. METALLURGICAL LITERATURE CLASSIFICATION</p>																									

ТРЕЙДЛАН, Александр Ал'bertovich.

Metallurgy of nickel. 2. doz. i verer. izd. Moskva, Gos. nauch.-tekhn. izd-vo
lit-r: po chernoi i svetloj metallurgii, 1947. 414 s. (48-2653)

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